

ABSTRACT OF THE DISCLOSURE

A direct conversion type of frequency transposition device includes a transconductor block receiving the input signal and a current switching block connected to the output
5 from the device. At least the common mode ($I_{if1} + I_{if2}$) is servocontrolled to static output currents from the frequency transposition device on a current proportional to a reference current (I_{ref}) and independent of the static output currents from the transconductor block.